

(Use several sheets if necessary)

ATTY. DOCKET NO.
ON/4-101A
APPLICATION NO.
Not Known
APPLICANT
David Bryant Batt
FILING DATE

10/528915

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
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AG						
AH						
AI						
AJ						
AK						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
AM	93/04186	3/4/03	WO			<input type="checkbox"/> <input type="checkbox"/>
AN	00/47766	8/17/00	WO			<input type="checkbox"/> <input type="checkbox"/>
AO	2327497	1/27/99	Great Britain			<input type="checkbox"/> <input type="checkbox"/>
AP						<input type="checkbox"/> <input type="checkbox"/>
AQ						<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

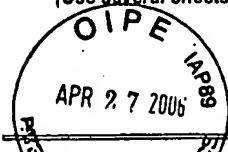
AR	H. Davies et al., "Mutations of the BRAF gene in human cancer," Nature, Vol. 417, pp. 949-54 (2002)
AS	H. Rajagopalan et al., "RAF/RAS oncogenes and mismatch repair status," Nature, Vol. 418, p. 934 (2002)
AT	G. Sathanandam et al., "Complete coding sequence of a human B-RAF cDNA and detection of B-RAF protein kinase with isozyme specific antibodies," Oncogene, Basingstoke, Hants, GB, Vol. 5(12), pp. 1775-1780 (1990)

EXAMINER /Molly Baughman/ DATE CONSIDERED 09/24/2007

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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ATTY. DOCKET NO.
ON/4-32701A
APPLICATION NO.
10/528,915
APPLICANT
David Bryant Batt
FILING DATE
JANUARY 5, 2006

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
MEB	AA 5,981,731	11/09/99	Monia	536	24.5	07/07/97
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	NO
MEB	AM	WO 94/15645	07/21/94	WO			<input type="checkbox"/>	<input type="checkbox"/>
MEB	AN	WO 99/02167	01/21/99	WO			<input type="checkbox"/>	<input type="checkbox"/>
MEB	AO	WO 02/26246	04/04/02	WO			<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>
	AR						<input type="checkbox"/>	<input type="checkbox"/>

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MEB	AR	Brose et al., "BRAF and RAS Mutations in Human Lung Cancer and Melanoma", <i>Cancer Res</i> , Vol. 62, No. 23, pp. 6997-7000 (2002).
	AS	Cohen et al., "BRAF Mutation in Papillary Thyroid Carcinoma", <i>J Natl Cancer Inst</i> , Vol. 95, No. 8, pp. 625-627 (2003).
↓	AT	Edmunds et al., "Absence of BRAF Gene Mutations in Uveal Melanomas in Contrast to Cutaneous Melanomas", <i>Br J Cancer</i> , Vol. 88, No. 9, pp. 1403-1405 (2003).

EXAMINER

DATE CONSIDERED

9/29/07

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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

<i>MER</i>	DA	Kimura et al., "High Prevalence of <i>BRAF</i> Mutations in Thyroid Cancer: Genetic Evidence for Constitutive Activation of the RET/PTC-RAS- <i>BRAF</i> Signaling Pathway in Papillary Thyroid Carcinoma", <i>Cancer Res</i> , Vol. 63, No. 7, pp. 1454-1457 (2003).
	DB	Lang, Boxer and MacKie, "Absence of Exon 15 <i>BRAF</i> Germline Mutations in Familial Melanoma", <i>Hum Mutat</i> , Vol. 21, No. 3, pp. 327-330 (2003).
	DC	Mercer and Pritchard, "Raf Proteins and Cancer: B-Raf is Identified as a Mutational Target", <i>Biochim Biophys Acta</i> , Vol. 1653, No. 1, pp. 25-40 (2003).
	DD	Meyer et al., "Exclusion of <i>BRAF</i> ^{V599E} as a Melanoma Susceptibility Mutation", <i>Int J Cancer</i> , Vol. 106, No. 1, pp. 78-80 (2003).
	DE	Miwa et al., "Absence of Activating Mutations of the <i>RAF1</i> Protooncogene in Human Lung Cancer", <i>Biol Chem Hoppe Seyler</i> , Vol. 375, No. 10, pp. 705-709 (1994).
	DF	Naoki et al., "Missense Mutations of the <i>BRAF</i> Gene in Human Lung Adenocarcinoma", <i>Cancer Res</i> , Vol. 62, No. 23, pp. 7001-7003 (2002).
	DG	Pollock and Meltzer, "A Genome-Based Strategy Uncovers Frequent <i>BRAF</i> Mutations in Melanoma", <i>Cancer Cell</i> , Vol. 2, No. 1, pp. 5-7 (2002).
	DH	Pollock et al., "High Frequency of <i>BRAF</i> Mutations in Nevi", <i>Nat Genet</i> , Vol. 33, No. 1, pp. 19-20 (2003).
	DI	Satyamoorthy et al., "Constitutive Mitogen-Activated Protein Kinase Activation in Melanoma is Mediated by Both <i>BRAF</i> Mutations and Autocrine Growth Factor Stimulation", <i>Cancer Res</i> , Vol. 63, No. 4, pp. 756-759 (2003).
	DJ	Singer et al., "Mutations in <i>BRAF</i> and <i>KRAS</i> Characterize the Development of Low-Grade Ovarian Serous Carcinoma", <i>J Natl Cancer Inst</i> , Vol. 95, No. 6, pp. 484-486 (2003).
<i>DL</i>	DK	Tannapfel et al., "Mutations of the <i>BRAF</i> Gene in Cholangiocarcinoma but Not in Hepatocellular Carcinoma", <i>Gut</i> , Vol. 52, No. 5, pp. 706-712 (2003).
	DM	
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1/24/07

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